

**MILGUARD 24"** TOUCH ENABLED FLAT PANEL DISPLAY**ABOUT**

The 24in MILGUARD display from Rugged Science is a ruggedized and shock approved wide screen LCD suitable for use as a panel mount console monitor. The 24in MILGUARD features a 1920x1080 WUXGA resolution in a widescreen 16:9 aspect ratio. The 24in MILGUARD is a fan-less design, with a tough, corrosion resistant housing, and wide viewing angles to  $\pm 89$  degrees. It features 5-Wire Resistive Touch, and bezel mounted, user-programmable OSD menu keys.

**FEATURES**

- 24" LCD display with LED backlight
- 1920x1080 resolution
- 2.8mm tempered glass
- Brightness 300 cd/m<sup>2</sup>
- 89 degree viewing angle H & V
- IP65 Front | IP54 Back
- Bezel mounted OSD
- 5-wire Resistive Touchscreen

## Display

Type	TFT Active Matrix LCD display with LED backlight
Dimensions (inches)	15.72 (H) X 25.38 (W) X 2.94 (D)
Weight	18 lbs
Ingress Rating	IP65 Front   IP54 Back
Screen Size	24 inch diagonal
Resolution	1920x1080   16:9 Wide screen aspect ratio
Glass	2.8mm optically bonded tempered glass
Coating	Anti-Reflective Coating
Brightness	300 cd/m <sup>2</sup>
Brightness Control	Push Button control 0-100% logarithmic
Contrast	5000:1
Colors	16.7M
Min Viewing Angle	+/-89°(H), +/-89°(V)
Touchscreen	5-wire resistive touch
OSD Menu	Front bezel mounted OSD menu buttons that allow directly accessible brightness up/down

## Power

Input Power	INPUT VOLTAGE: 9-36VDC CURRENT: 3.3 AMP MAXIMUM @ 9VDC POWER CONSUMPTION: 30 WATTS MAXIMUM
Operating Temperature	-20°C to 60°C   Fanless passively cooled
I/O Ports	USB Touchscreen VGA Connector DVI Connector

## Certifications (Panel Mount Application)

Shock	MIL-STD-901D
Vibration	MIL-STD-167-1A
Electromagnetic Interference (EMI)	MIL-STD-461G
Environmental	MIL-STD-810G

